ABSTRACT

A network device is provided which is capable of contributing to construction of a system without a centralized resource management function, ensuring system expandability to install additional call control processors, and isolating a capability of each user data processing unit from a call control section. Each of the user data processing units manages by themselves resources of their own circuits, and when responding to a call setup request sent from a C-plane for establishment of a session, and when responding to a call release request sent from the C-plane for release of the session, and also when responding to a health check signal from the C-plane, each of the user data processing units notifies the C-plane of an available resource ratio of its own circuit by attaching it to a response message. The C-plane stores thus obtained available resource ratios of each of the user data processing units, and selects the user data processing unit having remaining resources thereby to send the call setup request thereto in order to establish the session.

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